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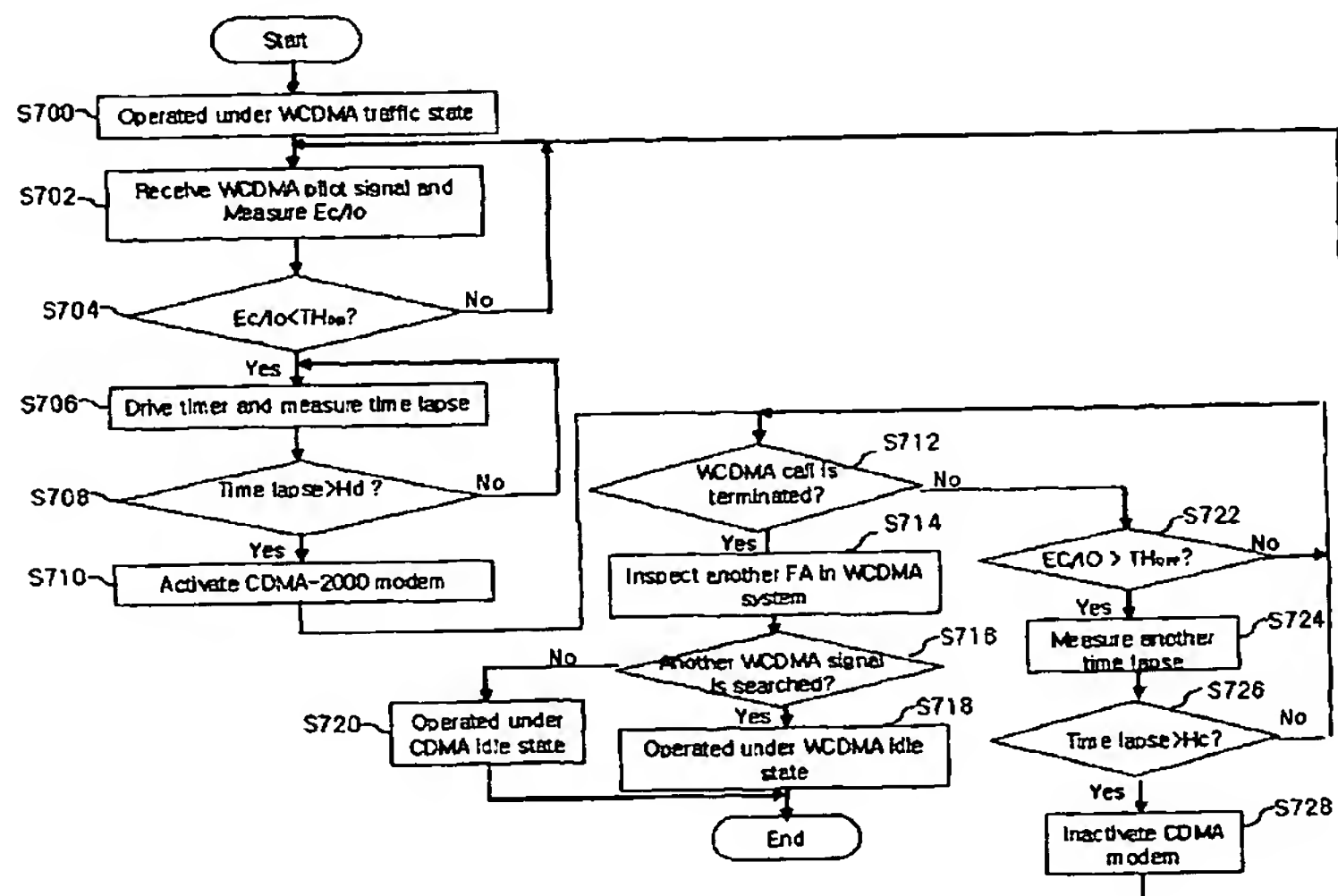
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(54) Title: METHOD FOR MODEM SWITCHING FOR USE WITH MM-MB TERMINAL



(57) Abstract: This invention relates to the switching method between the modems of MM-MB terminal. The provided multi-mode/multi-band terminal has the following characteristics: RF antenna transmitting/receiving CDMA-2000 signal and /or WCDMA signal: RF transceiver which is able to receive- the WCDMA pilot signal that the RF antenna is transmitting, and further transmit the encoded WCDMA pilot signal: a measuring system of pilot signal which measures the strength of the duplicated WCDMA and generate/ transmit  $E_c/I_o$  value: WCDMA modem and CDMA-2000 modem that conducts Signal processing according to the protocol defined by WCDMA specification or CDMA-2000 specification ; a flash memory storing switching between the WCDMA modem and the CDMA-2000 using the  $E_c/I_o$  value.